

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 3	
2. Amendment/Modification No. 0001		3. Effective Date		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By U.S. ARMY CONTRACTING COMMAND CCTA-HDD ANN BOAK (586)282-0291 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) <div style="display: flex; justify-content: space-between;">SCDPASADP PT</div>			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. Amendment Of Solicitation No. W56HZV-10-R-0302			
				<input type="checkbox"/> 9B. Dated (See Item 11) 2010JUN09			
				<input type="checkbox"/> 10A. Modification Of Contract/Order No.			
				<input type="checkbox"/> 10B. Dated (See Item 13)			
Code		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. 2010JUL16 01:00pm Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required)							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.				The Changes Set Forth In Item 14 Are Made In			
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print)			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ (Signature of Contracting Officer)		16C. Date Signed	

NSN 7540-01-152-8070
PREVIOUS EDITIONS UNUSABLE

30-105-02

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-10-R-0302 MOD/AMD 0001	Page 2 of 3
---------------------------	---	---------------------------

Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of Amendment 0001 is to provide technical clarification and to extend the close/response date from 9 July 2010 to 16 July 2010.

a. Technical clarification to 3 questions is provided as follows:

QUESTION #1: 3.1.1 Wheel Depth Mired Recovery \ The winch shall be capable of wheel depth mired recovery of a fully loaded LAV, equal to 38,000 lbs., at a minimum distance of 75 feet from the rear of the LAV RA2 using no more than one snatch block.

In order to properly size the winch, do you multiple 2 x 38,000 lbs = 76,000lbs utilizing 1 snatch block to recover a 38, 000 lb. LAV at fender depth?

ANSWER #1: If the winch single line rating requires a snatch block for this recovery scenario, the snatch block will provide a 2:1 mechanical advantage. But, the snatch block will also cause a 10% increase in load. A 38,000 lb vehicle in wheel depth mire (as required in 3.1.1) will produce a resistance of 38,000 lbs. The following is how to calculate the required pull to recover a 38,000 lb vehicle using one snatch block:

$(\text{Load Resistance} + \text{Snatch Block Resistance}) / \text{Mechanical Advantage} = \text{Required Pull}$ $(38,000 + (38,000 \times 10\%)) / 2 = 20,900$

The minimum required pull from the winch would be 20,900 lbs.

Note: The LAV-RA2 Winch Performance Specification, Table 1, Applicable Documents lists FM 4-30.31, MCRP 4-11.4A, AFTO 36-1-181 Recovery and Battlefield Damage Assessment and Repair. This document fully describes recovering a vehicle, including how snatch blocks are used and how to calculate loads. This document is available on the internet.

QUESTION #2: 3.1.9 Winch Continuous Operation / The minimum continuous operational rating shall be such that one (1) full length line pull can be accomplished at 100% of maximum single line rated pull, without damage to winch or related accessories.

Does this mean you want a constant pull over 165' of usable rope?

ANSWER #2: It is not meant to specify a constant pull, but must meet the minimum retrieval rate as defined in 3.1.8 Rope Retrieval. 3.1.9 is meant to define a duty cycle for the full length of usable rope.

QUESTION #3: Do these paras contradict the below para 3.1.1.?

3.1.10.1 Single Line Rated Pull for Normal Operation

The rated pull capacity of the Winch in a single line pull during normal operation shall be at least 24,000 pounds for 75 feet before stalling.

3.1.10.2 Single Line Rated Pull for Vertical Operation (Forward Self-Recovery)

The rated pull capacity of the Winch in a single line pull during vertical operation for a forward self-recovery operation shall be at least 15,000 pounds dynamic load.

ANSWER #3: The sections identified may seem redundant, but the intent was to specify different usage scenarios:

* 3.1.1 is for the recovery of a wheel depth mired vehicle.

* In the 3.1.10.1 scenario, the winch must produce at least 24,000 lbs of force for the entire length of a 75 ft pull.

* 3.1.10.2 refers to forward self-recovery. The Forward Self Recovery scenario requires a different rope load path, possible use of remote operation, and different forces applied to the winch mount and other affected components. The intent was to allow for a reduction in the pull strength.

b. The close/response date is extended from 9 July 2010 to 16 July 2010.

2. All other terms and conditions of the solicitation remain unchanged.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-10-R-0302 MOD/AMD 0001	Page 3 of 3
Name of Offeror or Contractor:		

*** END OF NARRATIVE A0001 ***